

Client: S.W. Cole Engineering, Inc.

Report: 019

Project: Park Danforth Renovations and Additions

SWCE Project #: 14-0065.2

Date: September 13, 2016

Subject: Structural Steel Site Inspection

We visited the site on this date as requested to continue structural steel inspections on the Area B Connector & Auditorium Roof framing portion of the Park Danforth Renovations and Additions project located at 777 Stevens Ave. in Portland, ME. Upon arrival we met with the project superintendent for PC Construction. Our actions and observations were as follows:

- Framing was inspected for overall conformance to drawings and details (All lintels still need to be added).
- Column base plates were no longer accessible at this time.
- Fireproofing was being applied in this area at this time therefore numerous bolted connections were not visible for inspection. All bolted connections not covered in fireproofing were inspected for proper tightening.
- Visual inspections were performed on all top and bottom plates on the HSS plated moment connections. The vertical plates on the connections were not welded at this time.
- HSS braces need to be welded.
- Visual inspection and ultrasonic testing were performed on field welded CJP moment connections. Inspections were performed in accordance to AWS D1.1. See the attached report for locations tested.
- Layout, welding and fastening of the roof deck were inspected.

All inspections performed above appeared acceptable in accordance to AWS, AISC, RCSC and contract documents except as noted below:

1. One section of roof deck needs to be welded and fastened from line R.C to R.D.
2. Six deck screws were found to be missing between C.8 and R.10.
3. Some connections were found to have loose bolts. These connections were marked with flagging tape.

The project superintendent as well as the erector foreman was notified of our findings.

Inspector; Michael Bump
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